

Converting Colors

XYZ(53.3916, 54.5747, 64.8499)

Have a look what the booklet for
XYZ(53.3916, 54.5747, 64.8499)
contains.

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Color

**XYZ(53.5222, 54.6417,
64.8527)**

Conversions

Conversions Part 1	
Format	Color
Hex	C7C1CC
RGB	199, 193, 204
RGB Percent	78%, 76%, 80%
CMY	0.2196, 0.2431, 0.2000
CMYK	0.02, 0.05, 0.00, 0.20
HSL	273°, 10%, 78%
HSV	273°, 5%, 80%
XYZ	53.5222, 54.6417, 64.8527
YIQ	196.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

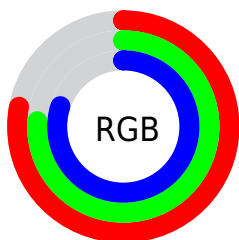
Format	Color
RYB	199, 193, 204
Decimal	13091276
CIELab	78.83, 4.12, -4.77
CIELCh	79, 6.302, 310.846
Yxy	54.6417, 0.3093, 0.3158
Android (android.graphics.Color)	4291281356 (0xFFC7C1CC)
YUV	196.0480, 3.9203, 2.5889
Hunter-Lab	73.9200, -0.1161, -0.2732

Details

The XYZ color 53.5222, 54.6417, 64.8527 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 54.5093, 59.0432, 58.9784, and the grayscale version is 52.4767, 55.2096, 60.1232.

A 20% lighter version of the original color is 93.1657, 96.2314, 108.2719, and 26.5602, 26.9779, 32.6615 is the 20% darker color. If you saturate the color by 10%, you get 46.9338, 45.0073, 63.3411, and if you desaturate by 10%, it is 60.8859, 65.6023, 66.5810.

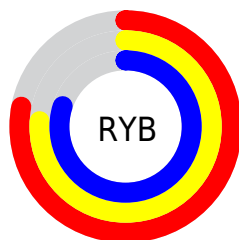
Distribution



Red (78%)

Green (76%)

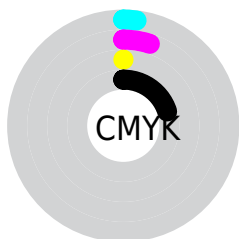
Blue (80%)



Red (78%)

Yellow (76%)

Blue (80%)

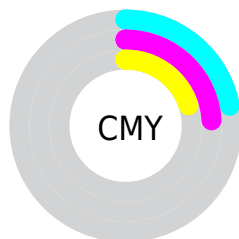


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (20%)



Cyan (22%)

Magenta (24%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5222, 54.6417, 64.8527 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 53.5222, 54.6417, 64.8527 by changing the saturation by 10% instead.


 53.5222, 54.6417,
64.8527

 53.5222, 54.6417,
64.8527


390.5135,
404.5523, 460.5542

 38.4490, 39.1149,
46.8911


 94.5333, 97.0158,
113.4493

 26.5101, 26.8491,
32.5958


121.2020,
124.6319, 144.9214

 17.3403, 17.4600,
21.5484


152.4664,
157.0466, 181.7340

 10.5742, 10.5630,
13.3303

188.6920,
194.6442, 224.3057

 5.8465, 5.7738,
7.5230

230.2442,
237.8092, 273.0550

 2.7917, 2.7080,
3.7079


277.4883,


 1.0446, 0.9813,


286.9260, 328.4005

1.4665


330.7896,
342.3789, 390.7607


 0.0000, 0.0000,
0.1928


 0.0000, 0.0000,
0.0000


 53.5222, 54.6417,
64.8527


 53.5222, 54.6417,
64.8527


 46.9338, 45.0073,
63.3411


 60.8859, 65.6023,
66.5810


 41.0879, 36.6400,
62.0342


 69.0465, 77.9310,
68.5306


 35.9564, 29.4867,
60.9239


 78.0308, 91.6767,
70.7103


 31.5074, 23.4877,
60.0005


 81.2861, 93.7305,
70.9351


 27.7063, 18.5781,
59.2532


 84.4484, 95.3607,
71.0831


 24.5150, 14.6865,
58.6702

 87.7730, 97.0746,
71.2387

 21.8912, 11.7325,
58.2383

 87.8992, 97.1397,
71.2446

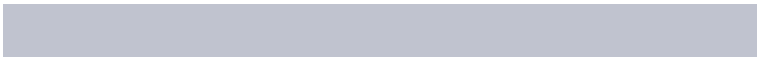
 19.7860, 9.6228,
57.9421

 18.1399, 8.2439,
57.7627

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.3886, 54.6417, 66.5109



53.5222, 54.6417, 64.8527



54.2376, 54.6417, 61.7813

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.5222, 54.6417, 64.8527



52.7274, 54.6417, 53.2308



49.6117, 54.6417, 60.7994

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.5222, 54.6417, 64.8527



54.5093, 59.0432, 58.9784

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.6991, 54.6417, 57.2668



53.5222, 54.6417, 64.8527



51.4846, 54.6417, 52.9916

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.5222, 54.6417, 64.8527



53.7736, 54.6417, 55.1087



50.3801, 54.6417, 54.4418



50.1393, 54.6417, 64.1091

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.5222, 54.6417, 64.8527



54.3743, 54.6417, 59.3940



50.3801, 54.6417, 54.4418



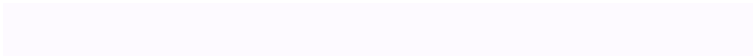
49.5703, 54.6417, 59.5972

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.5238, 54.6440, 64.8539



92.5965, 96.3519, 108.3252



53.1181, 56.1484, 65.1656



19.8452, 20.6615, 23.1921



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.5238, 54.6440, 64.8539



87.8485, 89.3280, 107.2197



54.8285, 55.3217, 64.6857



11.5966, 11.7573, 14.2286



11.1139, 4.9370, 36.3234



0.6602, 0.2994, 1.8779

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54.1668, 55.0571, 61.2012



89.0474, 90.0979, 100.4157



53.2539, 58.3913, 59.1334



11.7687, 11.8679, 13.2521



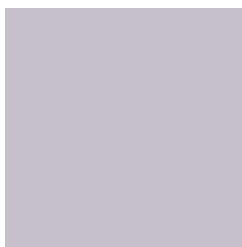
16.9561, 8.5930, 7.4875



0.9129, 0.4585, 0.5869

Previews

White Background



This preview shows how the XYZ color 53.5222, 54.6417, 64.8527 looks on a white background.

Color Contrast Check

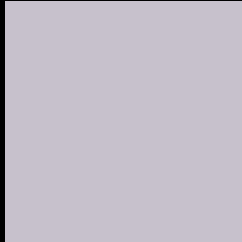
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.5222, 54.6417, 64.8527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

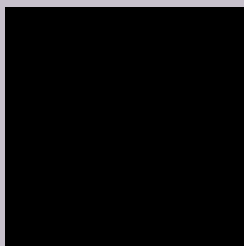
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

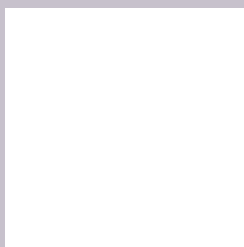
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5222, 54.6417, 64.8527

Background



This preview shows how black text looks on a background with the XYZ color 53.5222, 54.6417, 64.8527.

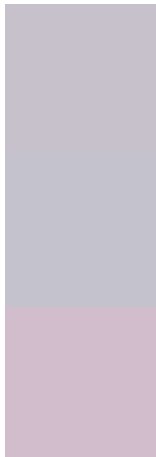


This preview shows how white text looks on a background with the XYZ color 53.5222, 54.6417,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.5222, 54.6417, 64.8527

Protanopia

53.0762, 54.7271, 65.5236

Deuteranopia

55.7954, 54.5046, 65.3373



Tritanopia

54.0542, 54.5327, 67.3514

Trichromacy



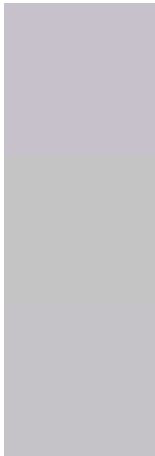
Original Color
53.5222, 54.6417, 64.8527

Protanomaly
53.3372, 54.8617, 65.5358

Deuteranomaly
54.8865, 54.3565, 65.3566

Tritanomaly
53.9315, 54.4836, 66.7054

Monochromacy



Original Color
53.5222, 54.6417, 64.8527

Achromatopsia
52.4687, 55.2011, 60.1140

Achromatomaly
52.8499, 55.0241, 61.8680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5222, 54.6417, 64.8527 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(199, 193, 204) looks like.

```
.text, #text, p{  
    color:rgb(199, 193, 204)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(199, 193, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 193, 204) }
```

Border

The CSS property to change the border of an element to XYZ 53.5222, 54.6417, 64.8527 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 193, 204) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(199, 193, 204) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(199, 193, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 193, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 193, 204);  
box-shadow:4px 4px 4px 4px rgb(199, 193,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5222, 54.6417, 64.8527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 193, 204) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(199,  
193, 204) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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